

WHAT IS CLAIMED IS:

- 1 1. A mounting structure for an electronic device adapted for
2 use in a vehicle interior, comprising:
3 a base coupled to a structure of the vehicle interior and
4 having an aperture therein;
5 a cover coupled to the base;
6 so that at least one projection extending from the electronic
7 device is clamped between the base and the cover when the electronic
8 device is positioned in the aperture and the cover is coupled to the base.
- 1 2. The mounting structure of Claim 1 wherein the base includes
2 a platform portion having at least one mounting surface formed thereon
3 so that the projection overlays the mounting surface when the electronic
4 device is assembled on the base.
- 1 3. The mounting structure of Claim 1 wherein the cover further
2 comprises a clamping member configured to retain the electronic device
3 on the base.
- 1 4. The mounting structure of Claim 3 wherein the clamping
2 member comprises an edge of the cover.
- 1 5. The mounting structure of Claim 1 wherein the cover is
2 coupled to the base by fasteners.
- 1 6. The mounting structure of Claim 5 wherein a body portion of
2 the electronic device is substantially free of engagement with the
3 fasteners.

1 7. The mounting structure of Claim 1 wherein an underside of
2 the body portion of the electronic device is substantially free of contact
3 with any component within the vehicle interior.

1 8. The mounting structure of Claim 1 wherein the mounting
2 surface is configured to position the electronic device at an angle relative
3 to the base.

1 9. A method of assembling an electronic device having at least
2 one projection for mounting in a vehicle interior, comprising:

3 coupling a base to an portion of the vehicle interior, the base
4 having a platform portion configured for placement of the projection
5 thereon; and

6 coupling a cover member to the base so that the projection is
7 captured between the platform and the cover member and a surface of
8 the electronic device is substantially free of contact with the base and the
9 housing.

1 10. The method of Claim 9, wherein the platform portion further
2 defines an aperture for positioning the electronic device therein.

1 11. The method of Claim 9 wherein the platform portion further
2 comprises at least one mounting surface adjacent the aperture and
3 configured to engage the projection.

1 12. The method of Claim 9 wherein the cover member further
2 comprises an edge configured to sandwich the projection between the
3 cover and the mounting surface when the cover member is coupled to the
4 base.

1 13. The method of Claim 11 wherein the mounting surface
2 comprises a post configured to engage an opening in the projection.

1 14. The method of Claim 9 wherein the electronic device is a
2 DVD device and the surface is an underside of the DVD device.

1 15. A system for mounting an electronic device in a vehicle
2 interior, comprising:

3 a base member having an aperture configured to receive the
4 electronic device therein;

5 at least one mounting surface provided on the base member
6 adjacent the aperture;

7 a mounting structure extending from a body portion of the
8 electronic device and configured to interface with the mounting surface;
9 and

10 a cover having a clamping portion configured to secure the
11 mounting structure between the mounting surface and the cover when
12 the cover is coupled to the base member.

1 16. The system of Claim 15 wherein the body portion of the
2 electronic device has a bottom surface that is substantially free of contact
3 with the base member and the cover.

1 17. The system of Claim 15 wherein mounting surface at least
2 partially surrounds the aperture.

1 18. The system of Claim 15 wherein the mounting surface
2 includes a projection configured to engage an opening in the mounting
3 structure when the electronic device is positioned in the aperture.

1 19. The system of Claim 15 wherein the electronic device is a
2 DVD device.

1 20. The system of Claim 15 wherein the cover further comprises
2 at least one connection device for coupling the cover and the base
3 member and is positioned so that the clamping portion provides a
4 clamping force on the mounting structure when the cover is coupled to
5 the base.

1 21. The system of Claim 15 further comprising a housing having
2 a first attachment structure for coupling to the base member and a
3 second attachment structure adapted to couple to a structure within the
4 vehicle interior.

1 22. The system of Claim 21 wherein the structure is an overhead
2 panel in the vehicle interior.

1 23. The system of Claim 15 wherein the mounting surfaces are
2 adapted to restrain movement of the electronic device in a direction
3 generally parallel to a plane of the electronic device.

1 24. The system of Claim 15 wherein the cover is coupled to the
2 base member by fasteners and the electronic device is substantially free
3 of contact with the fasteners.

1 25. The system of Claim 15 wherein the mounting surface is
2 configured to orient the electronic device at an angle relative to the base
3 member.